

NUMBERING GUIDE

Spread Spectrum Low EMI OSCILLATORS

To express normal parameters concisely we use a standard notation of the form :

PRODUCT A B C D E F Freq.

A = Supply voltage

3 = 3.3 V

B = Temperature range

1 = 0°C to +70°C

4 = -40°C to +85°C

2 = -10°C to +60°C

5 = -30°C to +85°C

3 = -20°C to +70°C

9 = Special , specify upper and lower limits

C = Overall stability (inclusive of calibration at 25°C , temperature stability , aging , input voltage change , load change , shock and vibration)

1 = ± 100 ppm

5 = ± 20 ppm

2 = ± 50 ppm

3 = ± 32 ppm

4 = ± 25 ppm

9 = Special , specify in detail all tolerances

D = Function

F = no tristate

E = tristate , enable / disable

E = Duty cycle

A = 40/60

B = 45/55

F = Spread Percentage

Down Spread

0.50% = D0.5

0.75% = D0.75

1.00% = D1.0

2.00% = D2.0

3.00% = D3.0

3.75% = D3.75

Center Spread

0.50% = C0.5

0.75% = C0.75

1.00% = C1.0

2.00% = C2.0

3.00% = C3.0

3.75% = C3.75

Freq. =

M in MHz

Example : SX7SS342EBD1.0 10M denotes a oscillator 7x5mm , HCMOS/TTL output , 3.3 V supply , temp.range -40° to +85°C , ±50 ppm overall stability , tristate function ,duty cycle 45/55 and frequency 10.0 MHz with down spread of 1.0%.

Note :

Not all combinations are available ,any requests ,please consult us for more detailed information.